

AMENDMENTS TO CLAIMS

3. (Currently Amended) A display device that utilizes background light incident on a front of the display device, comprising:

a light guide device having first and second ends, each of which faces the front of the display device, said second end being arranged to reflect light and thereby form text or a pattern visible from the front of the display device; and

a light convergence device for converging incoming background light from multiple directions and intensifying the incoming background light before projection to said first end of said light guide device.

4. (Previously Presented) A display device as claimed in claim 3, wherein said convergence device includes a convex lens.

5. (Previously Presented) A display device as claimed in claim 3, wherein said convergence device includes a concave reflector.

6. (Previously Presented) A display device as claimed in claim 3, wherein said light guide device includes a reflective mirror arrangement.

7. (Previously Presented) A display device as claimed in claim 3, wherein said light guide device includes at least one optical fiber.

8. (Previously Presented) A display device as claimed in claim 3, further comprising a rectification mask at said second end of said light guide device for producing said text or pattern.

9. (Previously Presented) A display device as claimed in claim 3, further comprising a control circuit and an auxiliary display device including a powered light source, wherein said

control circuit causes said auxiliary display device to convert power into optical energy when said background light is dim, and further causes said auxiliary display device to cut off when said background light becomes bright.

10. (Previously Presented) A display device as claimed in claim 3, further comprising a light-activated auxiliary power source for driving another display device that converts power into optical energy to supplement the background-light driven light convergence device.

11. (Previously Presented) A display device as claimed in claim 3, further comprising an optical conversion device for converting said incoming background light into power that is charged into a power storage device, and an auxiliary display device that converts power stored in said storage device to optical energy when said background light is dim.

12. (Previously Presented) A display device ~~as claimed in claim 11~~ that utilizes background light, comprising:

a light guide device having first and second ends, said second end being arranged to reflect light and thereby form text or a pattern; and

a light convergence device for converging incoming background light from multiple directions and intensifying the incoming background light before projection to said first end of said light guide device;

an optical conversion device for converting said incoming background light into power that is charged into a power storage device; and

an auxiliary display device that converts power stored in said storage device to optical energy when said background light is dim,

wherein said power storage device further powers an audio signal transmission device.